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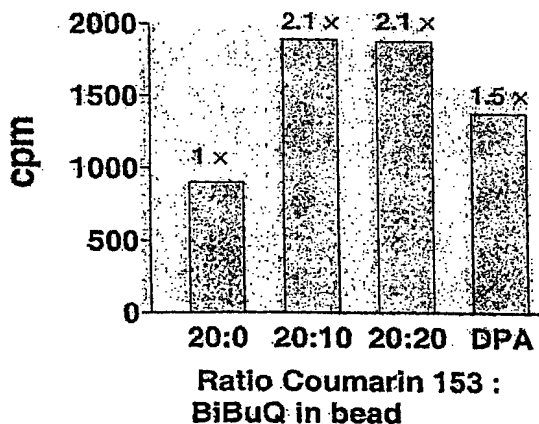
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(54) Title: SCINTILLATOR COMPOSITION FOR A RADIOASSAY, AND METHOD FOR ITS USE

Effect of BiBuQ on the scintillation of beads dyed with Coumarin 153



(57) Abstract: A medium for a scintillation assay includes a fluorescent Coumarin dye, typically having a Stokes shift of at least 50 nm and a fluorescence in the range of 460-500 nm. The composition may further include secondary scintillator materials which as PPO, DPA, bis-MSB, BiBuQ, and the like. The scintillator medium may be a liquid medium or a solid medium. Also disclosed is an assay utilizing the material of the present invention, as well as a specifically solid state scintillator medium incorporating Coumarin 153 and BiBuQ.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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